1. Adam

Program Name: Adam.java Input File: adam.dat

Adam has recently begun exploring the new Java Lambda expressions, now available in Java 8!

Below is a program he wrote that uses the **BiFunction** lambda expression provided in the **java.util.function** package. It reads a series of pairs of values and outputs **true** or **false**, indicating if the first value is greater than the second value.

You may use his program, if you wish, or if you're not using Java 8, he has provided an alternate solution. If you want to solve it your own way, go for it. Have fun!

Input: Several pairs of integers, each pair on one line, separated by a single space.

Output: The word "true" or "false", indicating whether the first integer of each pair is strictly greater than the second integer.

Sample input:
```
1 2
2 1
14 -14
100 200
```

Sample output:
```
false
true
true
false
```

```
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//UIL Invitational B, 2016, Adam - Solution
import java.util.*;
import java.io.*;
import java.util.function.*;
import static java.lang.System.*;
public class Adam
{
      public static void main(String...args) throws IOException
      {
            Scanner f = new Scanner(new File("adam.dat"));
            BiFunction<Integer,Integer,Boolean> match
                  = (Integer a, Integer b)->a.compareTo(b)>0;
            while(f.hasNext()){
                  Integer x = f.nextInt();
                  Integer y = f.nextInt();
                  out.println(match.apply(x,y));
                  //out.println(x.compareTo(y)>0);//non-lambda solution
            }
      }
}
```